

Abstract**Electric connecting device**

An electrical connecting device has the following features: a current or data transmitter device which can be connected to at least one current-transmitting or pulse-transmitting source is arranged in a transmitter housing and has contact elements. A current receiving or data receiving device, which can be electrically connected to a load or a consumer is arranged in a receiver housing and has contact elements. A current, pulse or data transfer can be produced between the contact elements (which are in the form of flat contacts with touching surfaces) by connection of the current or data transmitter device to the current receiving or data receiving device. A large number of contact elements of at least one of the two devices are arranged alongside one another in a configuration in the form of an array. The contact elements which are inserted into the configuration in the form of an array are elastically mounted. The configuration in the form of an array rests on a pressing link.